

BEST AVAILABLE COPY

| CLAIMS ONLY     |          |      |                        |      |                        |      | SERIAL NO.      | FILING DATE |      |      |      |  |  |
|-----------------|----------|------|------------------------|------|------------------------|------|-----------------|-------------|------|------|------|--|--|
|                 |          |      |                        |      |                        |      | APPLICANT(S)    |             |      |      |      |  |  |
| CLAIMS          |          |      |                        |      |                        |      |                 |             |      |      |      |  |  |
|                 | AS FILED |      | AFTER<br>1st AMENDMENT |      | AFTER<br>2nd AMENDMENT |      |                 | *           | *    | *    |      |  |  |
|                 | IND.     | DEP. | IND.                   | DEP. | IND.                   | DEP. |                 | IND.        | DEP. | IND. | DEP. |  |  |
| 1               | 1        |      |                        |      |                        |      | 51              |             |      |      |      |  |  |
| 2               |          | 1    |                        |      |                        |      | 52              |             |      |      |      |  |  |
| 3               |          | 1    |                        |      |                        |      | 53              |             |      |      |      |  |  |
| 4               | 1        |      |                        |      |                        |      | 54              |             |      |      |      |  |  |
| 5               |          | 1    |                        |      |                        |      | 55              |             |      |      |      |  |  |
| 6               |          | 1    |                        |      |                        |      | 56              |             |      |      |      |  |  |
| 7               | 1        |      |                        |      |                        |      | 57              |             |      |      |      |  |  |
| 8               |          | 1    |                        |      |                        |      | 58              |             |      |      |      |  |  |
| 9               |          |      |                        |      |                        |      | 59              |             |      |      |      |  |  |
| 10              |          |      |                        |      |                        |      | 60              |             |      |      |      |  |  |
| 11              |          |      |                        |      |                        |      | 61              |             |      |      |      |  |  |
| 12              |          |      |                        |      |                        |      | 62              |             |      |      |      |  |  |
| 13              |          |      |                        |      |                        |      | 63              |             |      |      |      |  |  |
| 14              |          |      |                        |      |                        |      | 64              |             |      |      |      |  |  |
| 15              |          |      |                        |      |                        |      | 65              |             |      |      |      |  |  |
| 16              |          |      |                        |      |                        |      | 66              |             |      |      |      |  |  |
| 17              |          |      |                        |      |                        |      | 67              |             |      |      |      |  |  |
| 18              |          |      |                        |      |                        |      | 68              |             |      |      |      |  |  |
| 19              |          |      |                        |      |                        |      | 69              |             |      |      |      |  |  |
| 20              |          |      |                        |      |                        |      | 70              |             |      |      |      |  |  |
| 21              |          |      |                        |      |                        |      | 71              |             |      |      |      |  |  |
| 22              |          |      |                        |      |                        |      | 72              |             |      |      |      |  |  |
| 23              |          |      |                        |      |                        |      | 73              |             |      |      |      |  |  |
| 24              |          |      |                        |      |                        |      | 74              |             |      |      |      |  |  |
| 25              |          |      |                        |      |                        |      | 75              |             |      |      |      |  |  |
| 26              |          |      |                        |      |                        |      | 76              |             |      |      |      |  |  |
| 27              |          |      |                        |      |                        |      | 77              |             |      |      |      |  |  |
| 28              |          |      |                        |      |                        |      | 78              |             |      |      |      |  |  |
| 29              |          |      |                        |      |                        |      | 79              |             |      |      |      |  |  |
| 30              |          |      |                        |      |                        |      | 80              |             |      |      |      |  |  |
| 31              |          |      |                        |      |                        |      | 81              |             |      |      |      |  |  |
| 32              |          |      |                        |      |                        |      | 82              |             |      |      |      |  |  |
| 33              |          |      |                        |      |                        |      | 83              |             |      |      |      |  |  |
| 34              |          |      |                        |      |                        |      | 84              |             |      |      |      |  |  |
| 35              |          |      |                        |      |                        |      | 85              |             |      |      |      |  |  |
| 36              |          |      |                        |      |                        |      | 86              |             |      |      |      |  |  |
| 37              |          |      |                        |      |                        |      | 87              |             |      |      |      |  |  |
| 38              |          |      |                        |      |                        |      | 88              |             |      |      |      |  |  |
| 39              |          |      |                        |      |                        |      | 89              |             |      |      |      |  |  |
| 40              |          |      |                        |      |                        |      | 90              |             |      |      |      |  |  |
| 41              |          |      |                        |      |                        |      | 91              |             |      |      |      |  |  |
| 42              |          |      |                        |      |                        |      | 92              |             |      |      |      |  |  |
| 43              |          |      |                        |      |                        |      | 93              |             |      |      |      |  |  |
| 44              |          |      |                        |      |                        |      | 94              |             |      |      |      |  |  |
| 45              |          |      |                        |      |                        |      | 95              |             |      |      |      |  |  |
| 46              |          |      |                        |      |                        |      | 96              |             |      |      |      |  |  |
| 47              |          |      |                        |      |                        |      | 97              |             |      |      |      |  |  |
| 48              |          |      |                        |      |                        |      | 98              |             |      |      |      |  |  |
| 49              |          |      |                        |      |                        |      | 99              |             |      |      |      |  |  |
| 50              |          |      |                        |      |                        |      | 100             |             |      |      |      |  |  |
| TOTAL<br>IND.   | 3        | ↓    |                        | ↓    |                        | ↓    | TOTAL<br>IND.   |             | ↓    |      | ↓    |  |  |
| TOTAL<br>DEP.   | 5        | ←    |                        | ←    |                        | ←    | TOTAL<br>DEP.   |             | ←    |      | ←    |  |  |
| TOTAL<br>CLAIMS | 8        |      |                        |      |                        |      | TOTAL<br>CLAIMS |             |      |      |      |  |  |

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-88)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

\*U.S. GPO: 1998-443-593/89152